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IN THE CLAIMS:

1. (Previously Presented) A compact fluorescent lamp comprising:
a double helix shaped discharge tube including two helix shaped tube portions, the tube portions defining a central axis of the discharge tube,
the double helix having a central section and a first end section, the sections of the helix being defined along the central axis,
a lamp base for receiving ends of the tube portions, said lamp base being disposed at the first end section, and an inner diameter of the central section of the helix being larger than an inner diameter of the first end section,
a cold chamber portion connecting the ends of the helix shaped tube portions, a height dimension of the cold chamber portion measured in a direction parallel to the central axis being substantially the same as the diameter of the tube portions.
2. (Original) The compact fluorescent lamp of claim 1 in which the double helix has a second end section, the second end section being opposite to said lamp base, and an inner diameter of the central section of the helix is larger than an inner diameter of the second end section.
3. (Original) The compact fluorescent lamp of claim 1 in which the diameter of the tube portions is substantially constant.
4. (Canceled)
5. (Canceled)
6. (Previously Presented) The compact fluorescent lamp of claim 1 in which the double helix has an external configuration which is substantially spherical.
7. (Previously Presented) The compact fluorescent lamp of claim 1 in which the double helix has an external configuration which is substantially barrel-shaped.

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8. (Previously Presented) The compact fluorescent lamp of claim 1 in which the double helix has an external configuration which is substantially ellipsoidal.

Claims 9-23 (Withdrawn)

24. (Canceled)

25. (Canceled)

26. (Currently Amended) A compact fluorescent lamp comprising:
a double helix shaped discharge tube including two helix shaped tube portions, the tube portions defining a central axis of the discharge tube,
the double helix having a central section and a first end section, the sections of the helix being defined along the central axis,
a lamp base for receiving ends of the tube portions, said lamp base being disposed at the first end section, and an inner diameter of the central section of the helix being larger than an inner diameter of the first end section,
a cold chamber portion connecting the upper ends of the helix shaped tube portions,
~~said cold chamber portion is substantially coplanar with said ends of the helix shaped tube portions~~
in which the tangential outer surface of at least one said upper end and the tangential outer surface of said cold chamber portion are coplanar in a plane perpendicular to said central axis of the discharge tube.

27. (Canceled)

28. (Previously Presented) The compact fluorescent lamp of claim 26 in which the double helix has an external configuration which is substantially barrel-shaped.

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29. (Previously Presented) The compact fluorescent lamp of claim 1, wherein said cold chamber portion is substantially coplanar with said ends of the helix shaped tube portions.